LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.796	162	163	171	rBV6	6433	13534	0.28%	0.073%
2	4.848	338	342	345	rBV4	10358	11071	0.23%	0.060%
3	5.788	494	502	504	rVB7	7636	17232	0.36%	0.093%
4	5.906	517	522	524	rBV4	5609	9992	0.21%	0.054%
5	6.152	561	564	569	rVV5	7356	13029	0.27%	0.070%
6	6.199	569	572	577	rVB4	10685	16736	0.35%	0.090%
7	6.640	641	647	655	rVB6	10566	23593	0.50%	0.127%
8	7.039	709	715	721	rBV6	6979	17491	0.37%	0.094%
9	7.239	744	749	752	rBV5	11115	20105	0.42%	0.108%
10	7.280	752	756	766	rVB2	27679	54742	1.15%	0.295%
11	7.363	766	770	776	rBV7	6520	15327	0.32%	0.083%
12	7.504	788	794	799	rBV4	16871	34533	0.73%	0.186%
13	7.562	799	804	811	rVB2	67756	121508	2.55%	0.655%
14	7.703	823	828	838	rBV10	10605	29661	0.62%	0.160%
15	7.803	838	845	852	rVB6	17430	36250	0.76%	0.195%
16	8.173	896	908	911	rBV	276981	514327	10.80%	2.772%
17	8.209	912	914	943	rVB	286230	514446	10.80%	2.773%
18	8.420	943	950	958	rBV9	6521	16904	0.35%	0.091%
19	8.544	966	971	975	rBV6	10822	19149	0.40%	0.103%
20	8.602	975	981	993	rVB4	59620	125314	2.63%	0.675%
21	8.720	995	1001	1011	rVB4	20456	44313	0.93%	0.239%
22	8.796	1011	1014	1018	rBV6	9212	13490	0.28%	0.073%
23	8.967	1034	1043	1051	rVB10	14095	28033	0.59%	0.151%
24	9.290	1090	1098	1104	rVB8	11848	30822	0.65%	0.166%
25	9.366	1104	1111	1114	rBV6	8163	14358	0.30%	0.077%
26	9.466	1121	1128	1148	rVB2	130401	295488	6.21%	1.593%
27	9.607	1148	1152	1154	rBV5	6348	10153	0.21%	0.055%
28	9.707	1164	1169	1176	rVB8	11173	22190	0.47%	0.120%
29	9.772	1176	1180	1188	rBV7	9447	23393	0.49%	0.126%
30	9.860	1192	1195	1199	rBV4	9814	12971	0.27%	0.070%
31	9.942	1201	1209	1217	rVB9	19019	49002	1.03%	0.264%
32	10.018	1217	1222	1231	rBV7	12282	38133	0.80%	0.206%
33	10.101	1231	1236	1244	rVB6	16910	32853	0.69%	0.177%
34	10.230	1255	1258	1263	rVB6	8608	11981	0.25%	0.065%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

35	10.383	1280	1284	1291	rVV6	14344	29164	0.61%	0.157%
36	10.506	1300	1305	1315	rBV8	13869	33958	0.71%	0.183%
37	10.629	1322	1326	1330	rBV7	9283	14972	0.31%	0.081%
38	10.682	1331	1335	1341	rVV6	6670	11513	0.24%	0.062%
39	10.765	1341	1349	1355	rVB9	8044	19966	0.42%	0.108%
40	11.000	1375	1389	1394	rBV	435092	889181	18.67%	4.793%
41	11.052	1394	1398	1409	rVB	428656	811752	17.05%	4.376%
42	11.176	1414	1419	1425	rVB3	19809	38282	0.80%	0.206%
43	11.258	1427	1433	1439	rBV5	47905	86559	1.82%	0.467%
44	11.334	1439	1446	1453	rVB2	39310	85334	1.79%	0.460%
45	11.405	1453	1458	1463	rVB6	11216	23774	0.50%	0.128%
46	11.470	1463	1469	1478	rBV4	38121	85421	1.79%	0.460%
47	11.587	1478	1489	1490	rVB6	7540	17702	0.37%	0.095%
48	11.899	1536	1542	1543	rBV5	7330	9831	0.21%	0.053%
49	11.981	1553	1556	1560	rBV5	7738	11111	0.23%	0.060%
50	12.175	1585	1589	1601	rVB5	13544	46953	0.99%	0.253%
51	12.398	1622	1627	1637	rVB5	11281	31018	0.65%	0.167%
52	12.533	1644	1650	1653	rVB7	7919	15266	0.32%	0.082%
53	12.651	1663	1670	1679	rVV2	121175	214056	4.50%	1.154%
54	12.745	1679	1686	1694	rVB2	28593	67145	1.41%	0.362%
55	12.868	1698	1707	1715	rVB	84984	159448	3.35%	0.859%
56	12.956	1715	1722	1726	rBV9	8993	23076	0.48%	0.124%
57	13.068	1740	1741	1750	rVB7	8564	19109	0.40%	0.103%
58	13.179	1756	1760	1766	rVB7	12613	22110	0.46%	0.119%
59	13.350	1782	1789	1803	rBV3	146035	397437	8.35%	2.142%
60	13.514	1813	1817	1820	rBV5	7774	12193	0.26%	0.066%
61	13.561	1820	1825	1833	rVV4	29399	63401	1.33%	0.342%
62	13.644	1835	1839	1847	rVB3	23997	38337	0.81%	0.207%
63	13.720	1847	1852	1857	rVB6	9626	16704	0.35%	0.090%
64	13.826	1860	1870	1873	rBV9	26094	62212	1.31%	0.335%
65	13.873	1874	1878	1888	rVB6	41221	91813	1.93%	0.495%
66	13.978	1890	1896	1905	rVB10	27272	69790	1.47%	0.376%
67	14.125	1916	1921	1926	rBV6	31516	63496	1.33%	0.342%
68	14.178	1926	1930	1932	rBV5	16106	22522	0.47%	0.121%
69	14.378	1957	1964	1971	rBV8	11609	27204	0.57%	0.147%
70	14.478	1976	1981	1982	rBV5	6299	9826	0.21%	0.053%
71	14.507	1982	1986	1997	rVB5	33165	66904	1.41%	0.361%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

72	14.589	1997	2000	2004	rBV5	11456	12847	0.27%	0.069%
73	14.660	2004	2012	2020	rBV9	24454	54381	1.14%	0.293%
74	14.807	2026	2037	2045	rBV	784352	1374524	28.87%	7.409%
75	14.966	2060	2064	2077	rVB2	63943	119553	2.51%	0.644%
76	15.089	2077	2085	2091	rBV3	157933	307268	6.45%	1.656%
77	15.154	2091	2096	2103	rBV3	54854	98293	2.06%	0.530%
78	15.259	2110	2114	2120	rVB5	59193	100533	2.11%	0.542%
79	15.330	2122	2126	2133	rVB4	35451	52921	1.11%	0.285%
80	15.412	2133	2140	2144	rBV3	62515	114371	2.40%	0.616%
81	15.441	2144	2145	2156	rVB7	32967	62371	1.31%	0.336%
82	15.682	2181	2186	2190	rBV7	8497	18420	0.39%	0.099%
83	15.823	2198	2210	2212	rBV4	39709	111441	2.34%	0.601%
84	15.853	2212	2215	2221	rVB2	46827	77072	1.62%	0.415%
85	15.947	2224	2231	2256	rBV	2479393	4761695	100.00%	25.667%
86	16.546	2328	2333	2338	rVB7	32402	58367	1.23%	0.315%
87	17.069	2419	2422	2428	rBV7	8316	17391	0.37%	0.094%
88	17.181	2436	2441	2442	rBV5	28183	41298	0.87%	0.223%
89	17.216	2443	2447	2454	rVB4	81271	145491	3.06%	0.784%
90	17.280	2455	2458	2463	rVB6	18137	27465	0.58%	0.148%
91	17.557	2497	2505	2510	rBV2	875815	1466273	30.79%	7.904%
92	17.656	2517	2522	2531	rVB4	36521	71649	1.50%	0.386%
93	17.768	2537	2541	2545	rVB3	31147	36762	0.77%	0.198%
94	17.968	2569	2575	2589	rBV	90796	168509	3.54%	0.908%
95	18.109	2595	2599	2601	rBV4	10674	13898	0.29%	0.075%
96	18.479	2657	2662	2671	rBV4	20274	58550	1.23%	0.316%
97	18.632	2683	2688	2691	rBV7	12492	23957	0.50%	0.129%
98	19.936	2907	2910	2916	rVB3	36078	47649	1.00%	0.257%
99	21.846	3228	3235	3244	rBV	877691	1623205	34.09%	8.750%
100	25.242	3803	3813	3831	rVB3	472818	1525045	32.03%	8.220%

Sum of corrected areas: 18551863

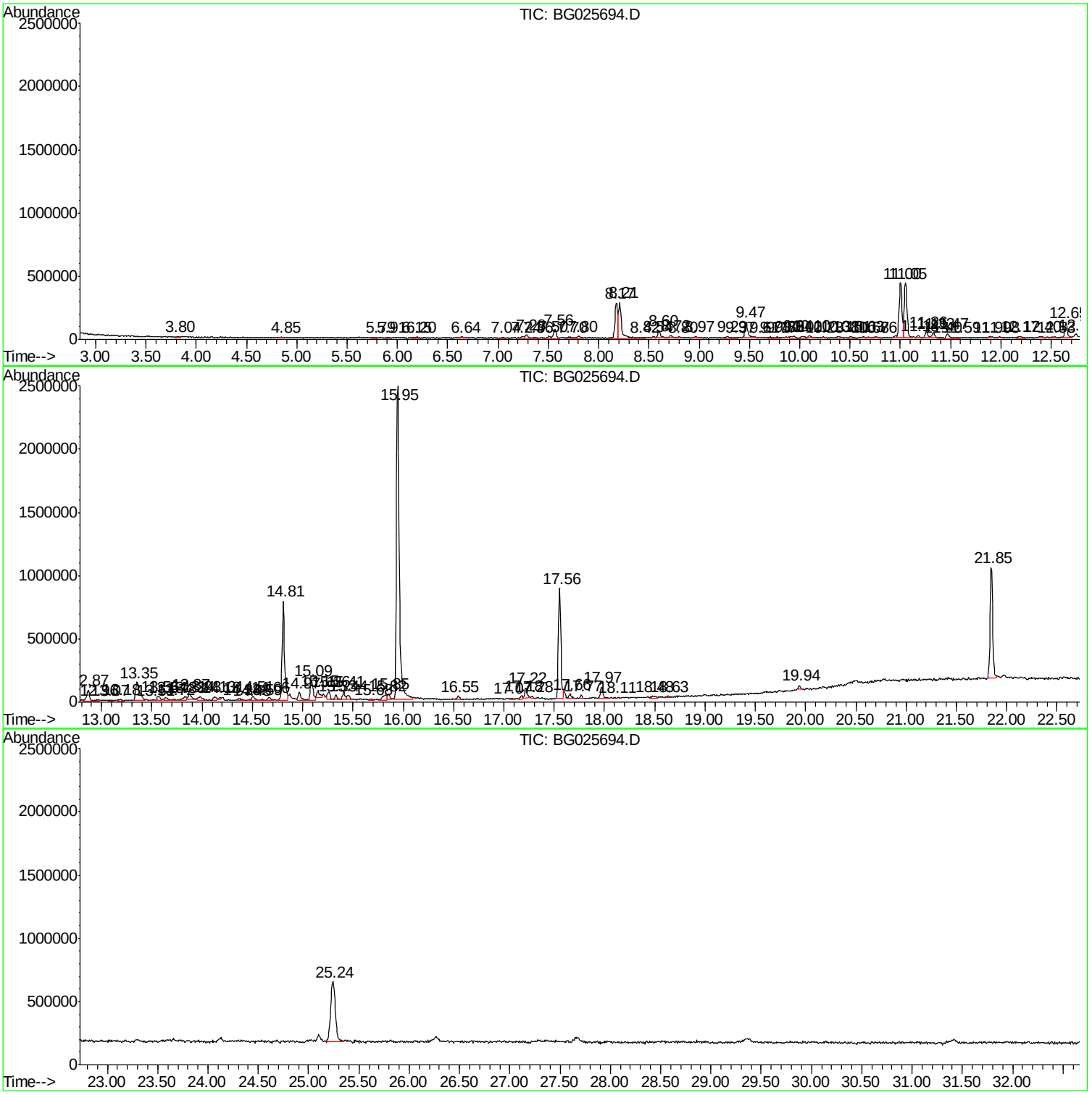
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

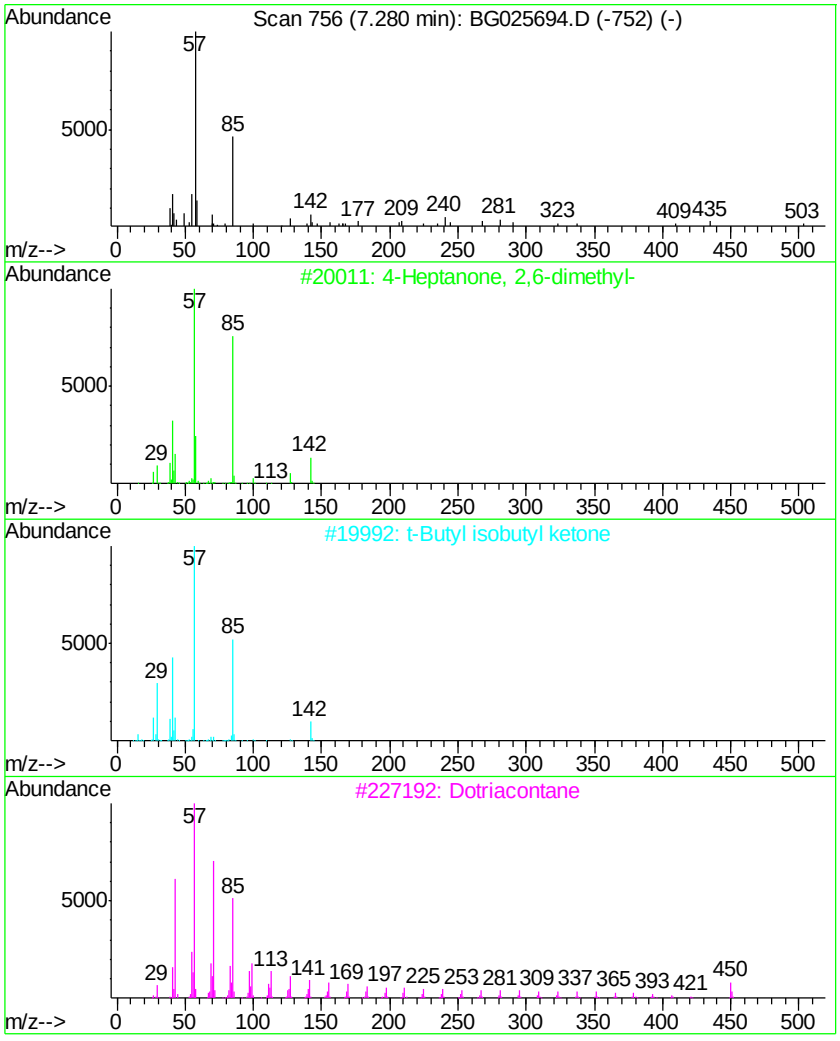
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

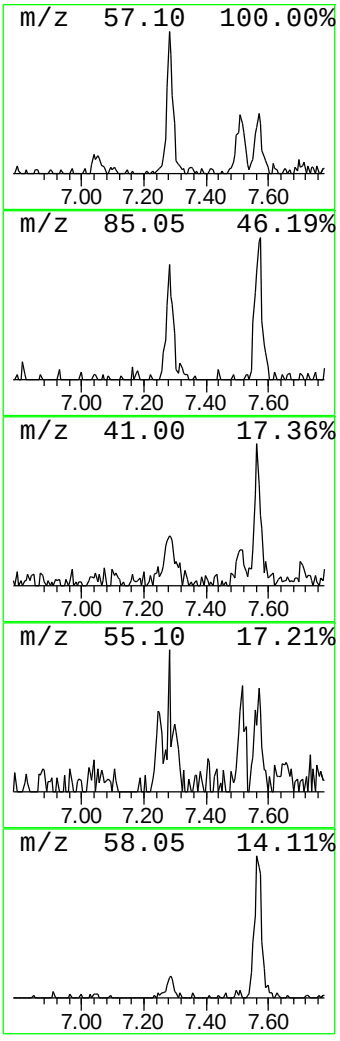
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.13 ng/ul	54742	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	43
2	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	40
3	Dotriacontane	451	C32H66	000544-85-4	39
4	Tritriacontane	465	C33H68	000630-05-7	39
5	Heptadecane	240	C17H36	000629-78-7	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

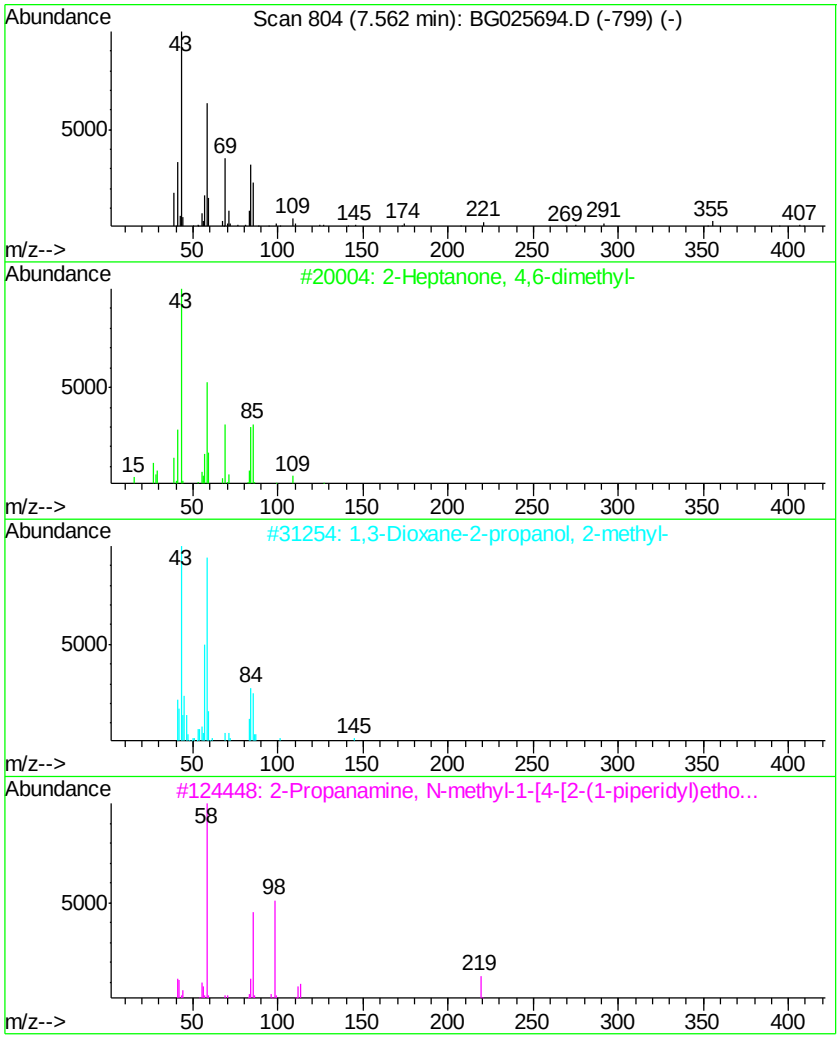
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

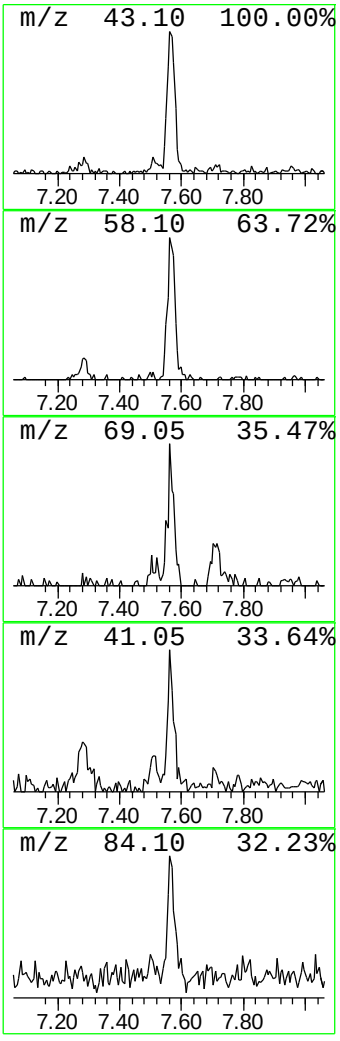
****

Peak Number 2 2-Heptanone, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	4.72 ng/ul	121508	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
2	1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	50
3	2-Propanamine, N-methyl-1-[4-[2-...	276	C17H28N2O	126002-09-3	38
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	38
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

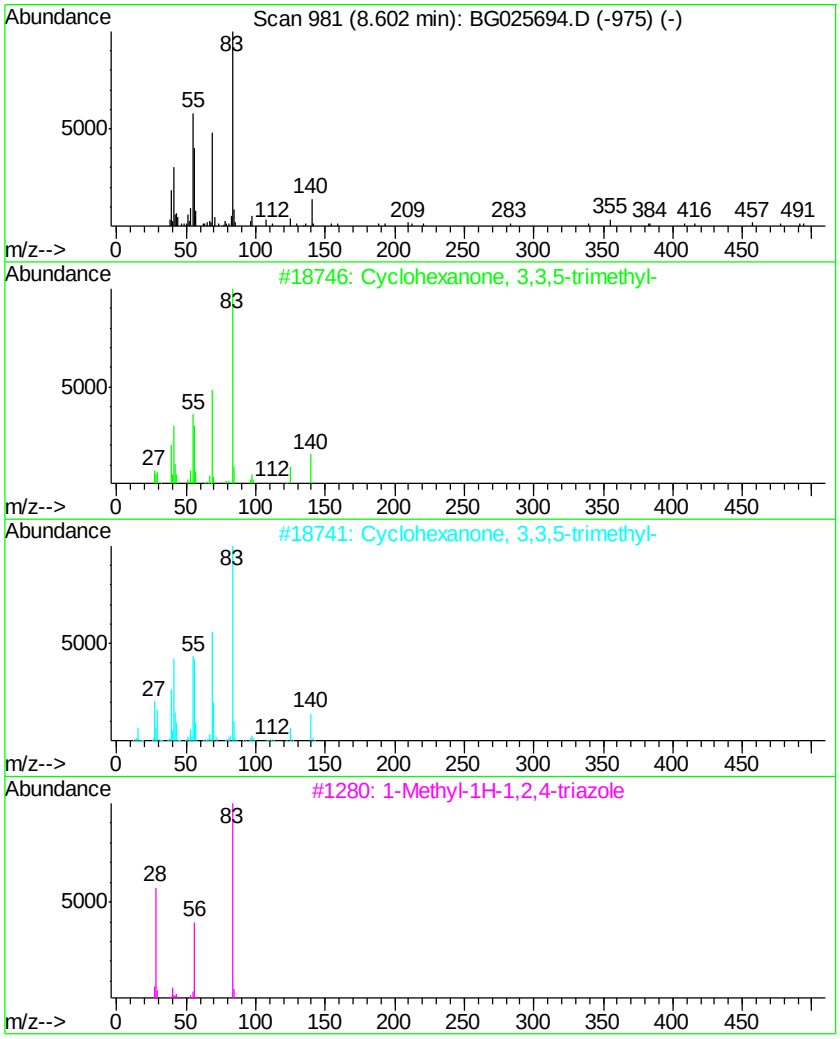
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

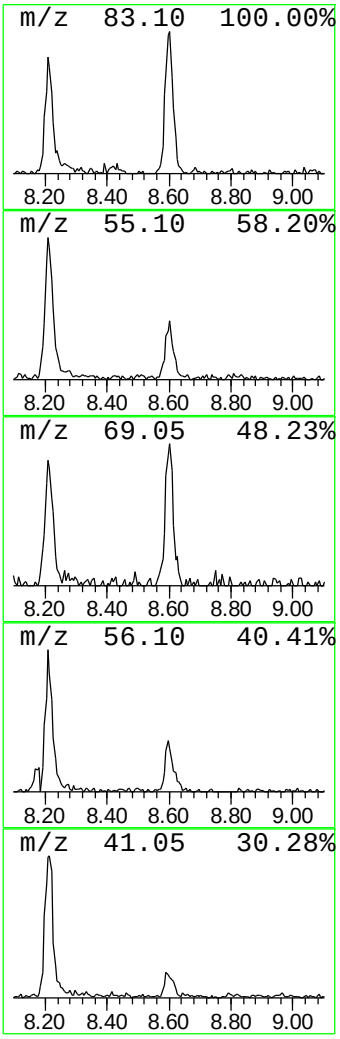
****

Peak Number 3 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.87 ng/ul	125314	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	80
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	64
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	52
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

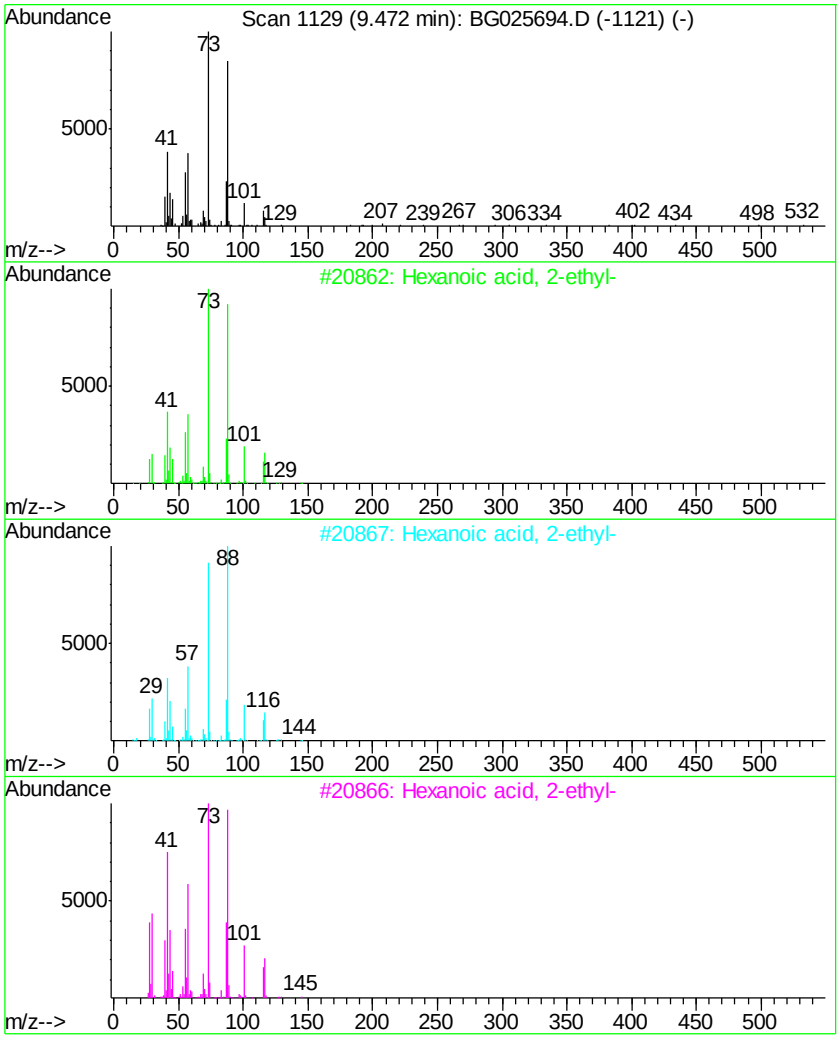
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

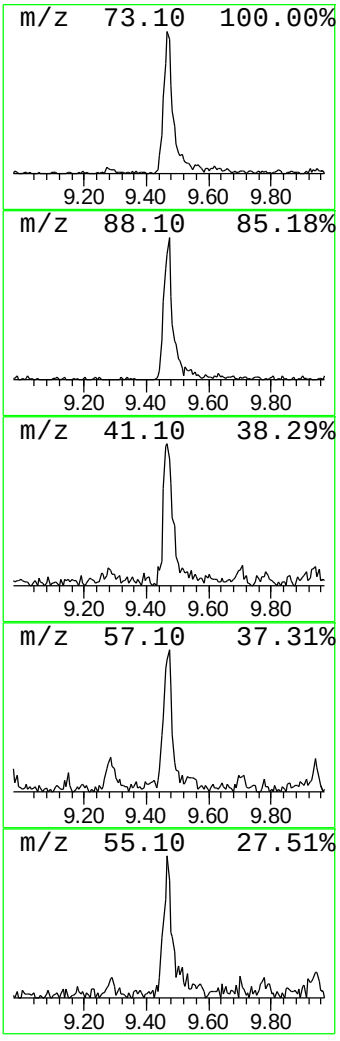
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	11.49 ng/ul	295488	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
4	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	47
5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

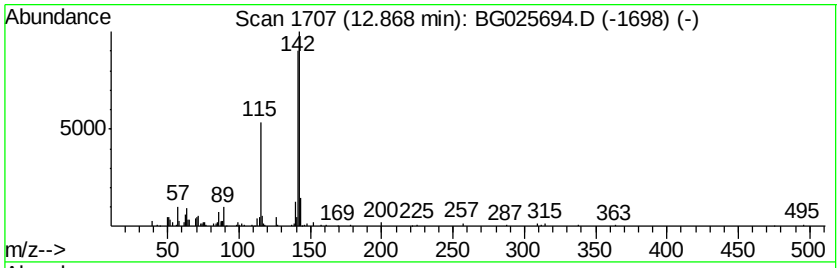
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

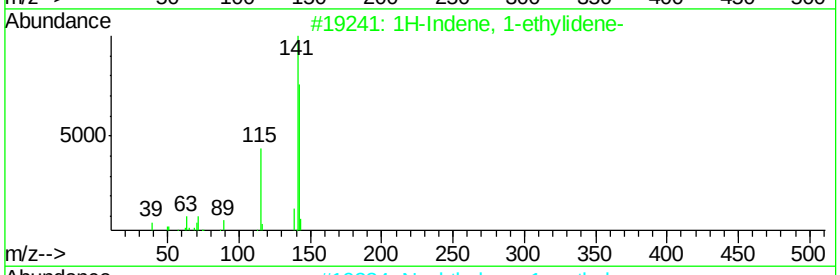
****

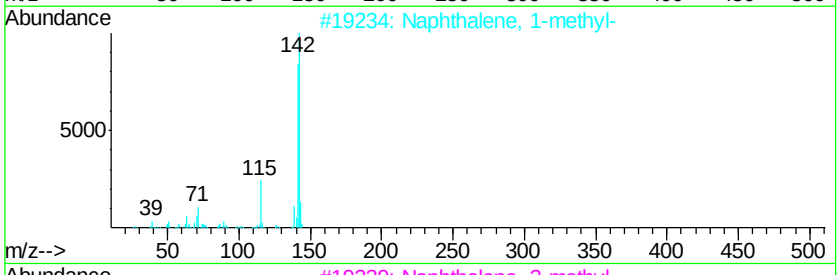
Peak Number 5 1H-Indene, 1-ethylidene- Concentration Rank 6

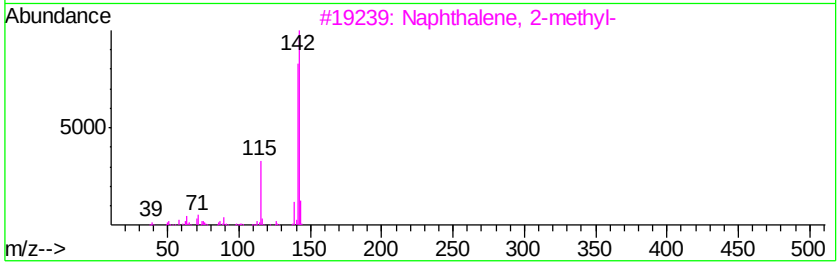
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	3.59 ng/ul	159448	Naphthalene-d8	11.01

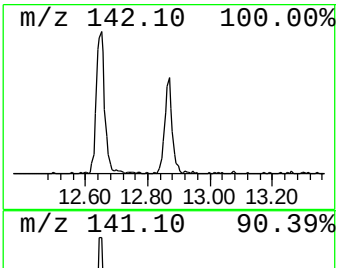
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91

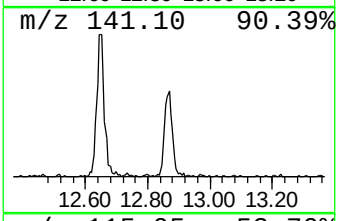


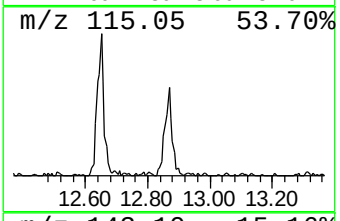


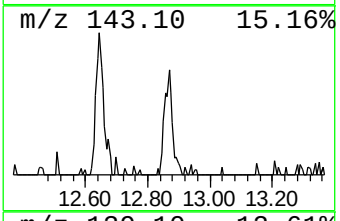


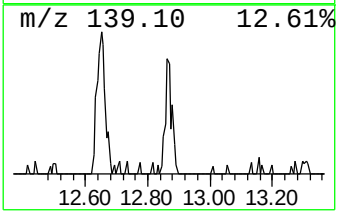












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

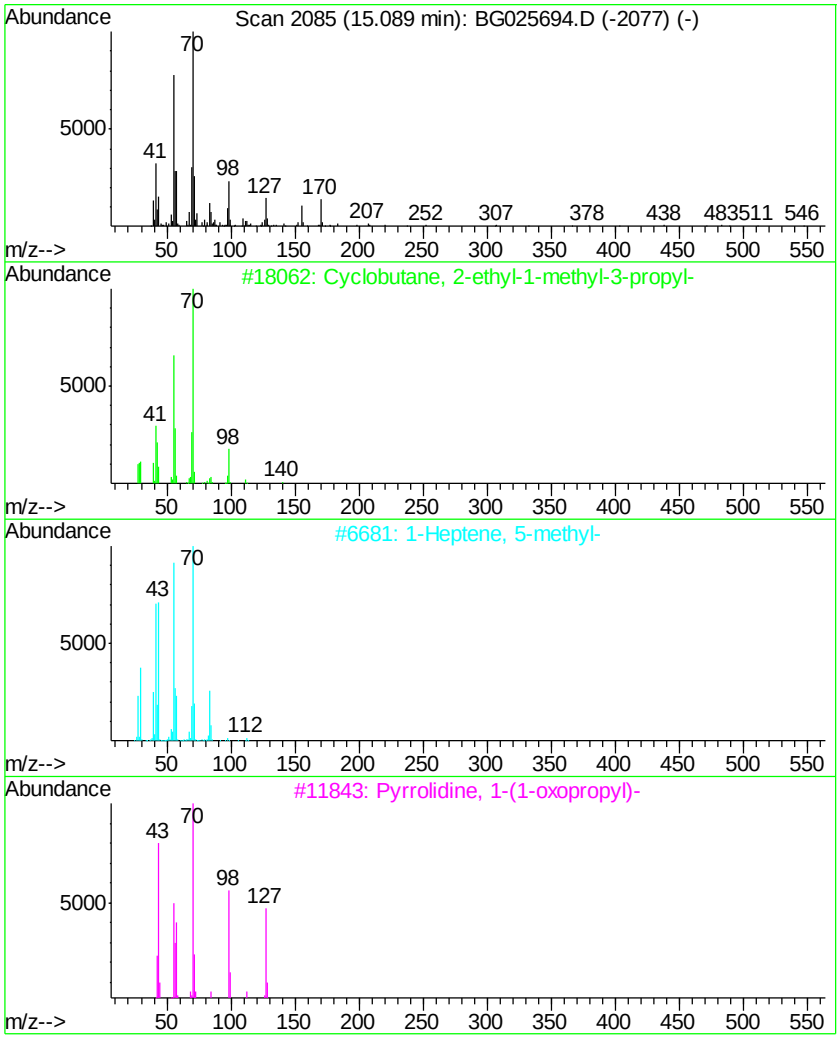
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

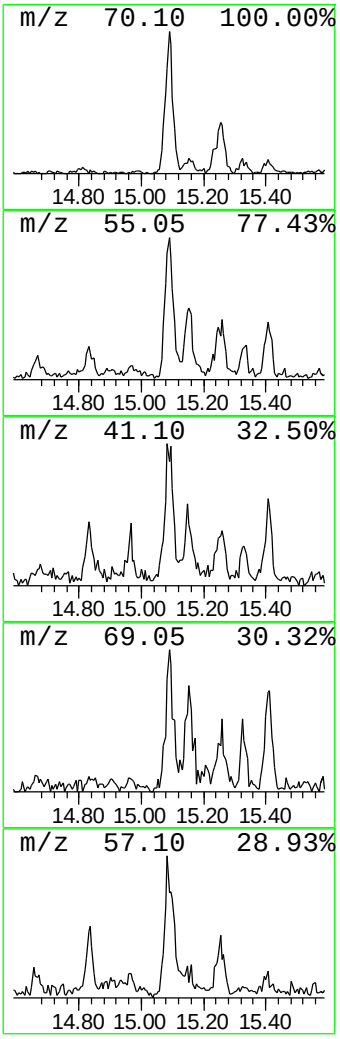
****

Peak Number 6 (DEL) Alkane: Cyclic15.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.47 ng/ul	307268	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	53
2	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	52
3	Pyrrolidine, 1-(1-oxopropyl)-	127	C7H13NO	004553-05-3	50
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	47
5	Cyclobutane, 2-hexyl-1,1,4-trime...	182	C13H26	049622-19-7	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

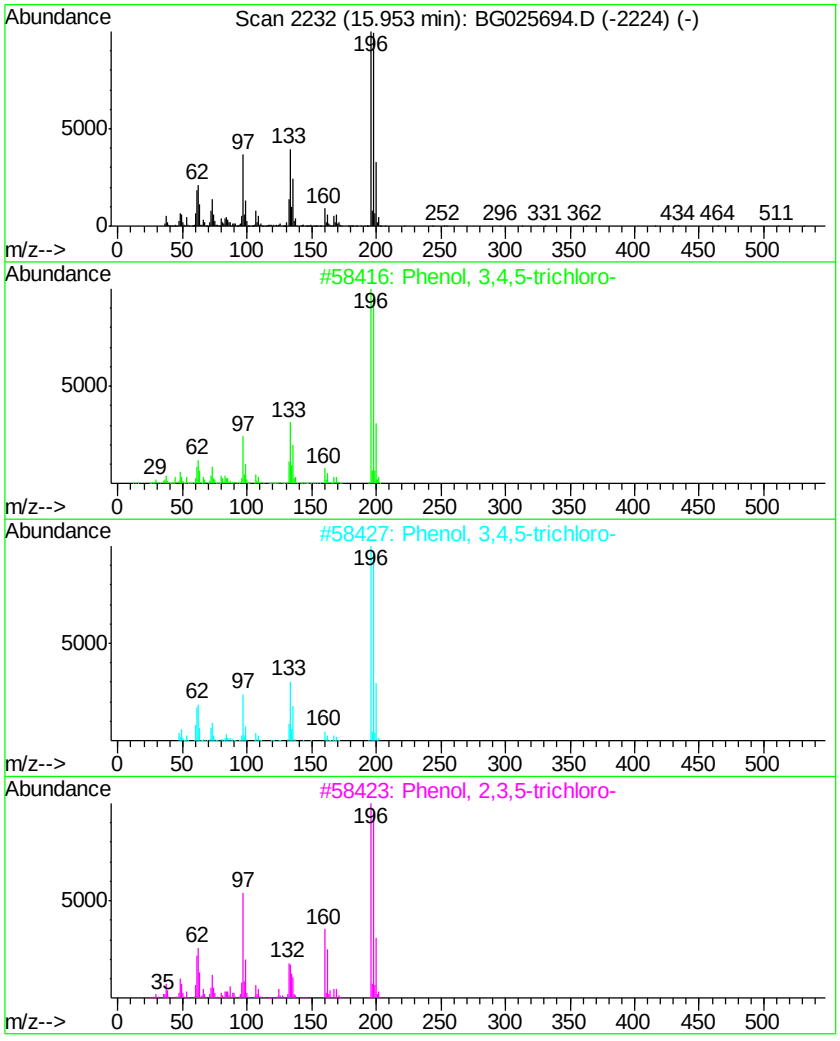
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

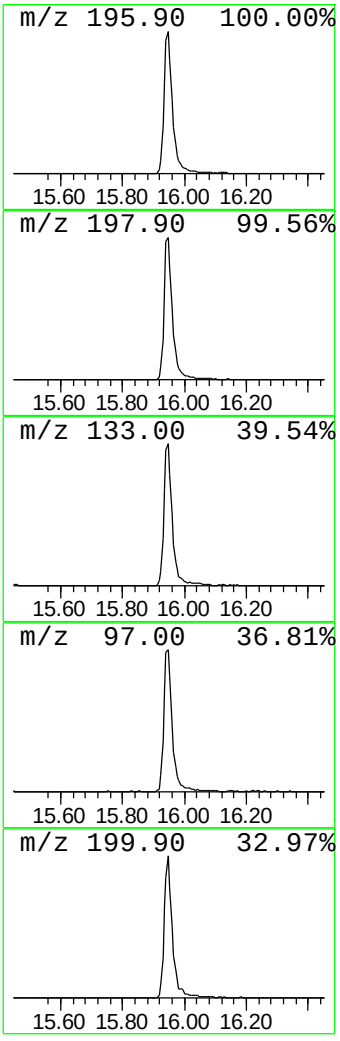
****

Peak Number 7 Phenol, 3,4,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	69.29 ng/ul	4761700	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	99
2	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	95
3	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	91
4	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	91
5	Phenol, 2,3,4-trichloro-	196	C6H3Cl3O	015950-66-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025694.D
Acq On : 27 Jan 2017 8:59
Operator : SJ/MA
Sample : I1387-02DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	7.28	2.1	ng/ul	54742	1	8.18	514327	20.0
2-Heptanone, 4,6-...	7.56	4.7	ng/ul	121508	1	8.18	514327	20.0
Cyclohexanone, 3,...	8.60	4.9	ng/ul	125314	1	8.18	514327	20.0
Hexanoic acid, 2-...	9.47	11.5	ng/ul	295488	1	8.18	514327	20.0
1H-Indene, 1-ethy...	12.87	3.6	ng/ul	159448	2	11.01	889181	20.0
(DEL) Alkane: Cyc...	15.09	4.5	ng/ul	307268	3	14.81	1374520	20.0
Phenol, 3,4,5-tri...	15.95	69.3	ng/ul	4761700	3	14.81	1374520	20.0